

## **Systems Software Services Technical Bulletin**

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Submitted By:  
Approved By:

### Easytrieve

Version 9.0D of Easytrieve has been installed and will be put in place on March 28, 1983. It will be found in "GP.EZTRIEVE.LOAD" and can be accessed by executing JCL procedure "EZTRIEVE" which is contained in "SYSP.PROCLIB". These libraries are shared between MVS1 and MVS2.

The default for "SCANCOL" has been set at 72 to be compatible with TSO.

A BAL random number generator routine called "RANDOM" has been installed and may be accessed by following the instructions on page 11-29 of your manual.

A FORTRAN date routine called "DATESUB" has been installed and may be accessed by following the instructions on page 11-31 of your manual.

Current documentation is EASYTRIEVE Reference Manual 8.2-8002. The 9.0 updates are being ordered and should be available in about 30 days. Cost of the updates will be approximately \$6.00. Please contact Gordon Graham at 533-3257 to request an update for your manual.

If you have any questions regarding the installation of use of EASYTRIVE, please call Phill Stephenson at 533-3262.

## EASYTRIEVE Version 9.0 Summary

### EASYTRIVE Version 9.0

These are the major enhancements which will go into effect with Version 9.0 of EASYTRIEVE.

#### PARM Statement

- C SORTCORE= provides a method for specifying the DOS SORT storage method, used when sorting files in EASYTRIEVE. This parameter is passed to your SORT and can be VIRTUAL or REAL. See the Installation Section in this manual and your SORT product manual for specific information regarding this parameter.
- C DEVICE= provides a way to indicate the DOS device type for both input and output files. The new device types supported are 3375 and FBA.
- C CISIZE= provides a method to establish the control interval size for DOS sequential output files on Fixed Block Architecture devices.

#### New File Statement Parameters

- C NOVERIFY parameter on a VSAM FILE statement causes the VSAM error code of 116(x "74") to be ignored. This allows your EASYTRIEVE program to process a VSAM file that is being accessed by another program or a VSAM file that was not properly closed by a previous program.
- C DISK provides you with a way of indicating the DOS device type for both input and output files. The new values can be 3375 or FBA.
- C CISIZE provides a method to establish the control interval size for DOS sequential output files on Fixed Block Architecture devices.

#### 3375

- C 3375 disk devices are supported for DOS.

#### 3380

- C 3380 disk devices are supported for OS.

#### IMS

- C The restriction that no more than eight conditions be coded on the IMS SELECT statement has been removed.

## INCLUDE

- C The INCLUDE statement can now be continued. This allows you to place arguments for substitution on more than one card.

## TTLEQT

- C The TTLEQT statement can be used to place variable information in the report titles for both CONTROL and non-CONTROL reports.

## PUNCH STATEMENT

- C The PUNCH statement can be continued by placing the word MORE at the end of the statement area and by placing the additional punch fields on the next statement.

## RTNCODE

- C A system defined field, RTNCODE, can be modified and tested. It is used to set the EASYTRIEVE return code.

## SYSREG

- C A system defined field, SYSREG, can be used to reference variable information passed from the OS or DOS Job Control Language PARM field or another calling program. Your EASYTRIEVE program may analyze the parameter list itself or may call a program written in another language to analyze the parameter list.

## STOP EXECUTE

- C The EXECUTE parameter of the STOP command immediately terminates the entire execution of EASYTRIVE.

## PASS

- C PASS is a system defined field which can be tested to determine the processing mode of EASYTRIEVE. PASS is set to 1 before a sort and on the first pass of the input file in a MODE A job. PASS is set to 2 after the sort and on the second pass of system controlled files in MODE A. PASS is set to 2 in programs containing a PRESORT command.

## NOFINALS

- C The NOFINALS option of the CONTROL statement inhibits the output of the FINAL TOTAL line in CONTROLed reports.

## GENERAL

- C The default DOS device type is now DISK rather than TAPE.
- C The MODE A documentation has been updated.
- C The diagnostic message descriptions have been rewritten to better clarify the problems which they indicate.
- C Other cosmetic, typographical and text changes have been made to improve the appearance and readability of the manual. These changes have not been marked in the page margins, but technical changes have been.

EZTRIEVE PROC CYL=3,PRT='\*',COPIES=1,HOLD=NO  
EZ EXEC PGM=EASYTREV  
EFFECTIVE MARCH 28, 1983 VERSION 9.0D OF EASYTRIEVE IS IN USE.  
THE CURRENT DOCUMENTATION FOR EASYTRIEVE IS E8.2-8002.  
9.0 UPDATES FOR THE REFERENCE MANUAL ARE ON ORDER AND WILL BE  
AVAILABLE THRU GORDON GRAHAM AT 533-3257 BY ABOUT MAY 1, 1983.  
COST OF UPDATES WILL BE APPROXIMATELY \$6.00.  
IF YOU HAVE ANY QUESTIONS REGARDING THE INSTALLATION OR USE OF  
EASYTRIEVE, PLEASE CALL PHIL STEPHENSON AT 533-3262.

```
//STEPLIB DD DSN=GP.ESTRIEVE.LOAD,DISP=SHR
//SORTLIB DD DSN=SYS1.SORTLIB,DISP=SHR
//SYSOUT DD SYSOUT=&PRT,COPIES=&COPIES,HOLD=&HOLD
//SYSPRINT DD SYSOUT=&PRT,COPIES=&COPIES,HOLD=&HOLD
//SYSPUNCH DD SYSOUT=B
//SORTWK01 DD UNIT=SYSDA,SPACE=(CYL,(&CYL.))
//SORTWK02 DD UNIT=SYSDA,SPACE=(CYL,(&CYL.))
//SORTWK03 DD UNIT=SYSDA,SPACE=(CYL,(&CYL.))
//MACROS DD DUMMY **EZTRIEVE MACROS (USER DEFINED)
//PANDD1 DD DUMMY **PANVALET MACROS (USER DEFINED)
//FILEA DD DUMMY **USER MUST SUPPLY THIS STATEMENT
//FILEB DD UNIT=SYSDA,SPACE=(CYL,(&CYL.,&CYL.))
//*SYSIN DD * **USER MUST SUPPLY THIS STATEMENT
```